

## **Small Water System Disinfection and Fluoridation**

### **April 7, 2015**

8:00 - 8:30	Registration & Pre-test
8:30 – 10:00	Introduction to Chlorine Disinfection
10:00 - 10:15	Break
10:15 – 11:00	Microbiology: Pathogens (Bacteria, Protozoa, and Viruses)
11:00 – 12N	Hands – on: Measuring Chlorine Residuals
12:00 - 1:00	Lunch Break (On Your Own)
1:00 - 2:00	Introduction to Chemical Feed Pumps
2:00 - 5:00	LMI Chemical feed pumps (Repair & Maintenance Kit Installation)

### **April 8, 2015**

8:00 – 10:00	Introduction to Dosage and Concentration Calculations (Disinfection Calculations : Wells, Mains and Tanks)
10:00 - 10:15	Break
10:15 - 10:45	Group Disinfection Exercises
10:45 -12:00	Disinfection of Wells per ANSI/AWWA C654-03
11:15 - 12:00	Post Test
12:00 - 1:00	Lunch Break
1:00 - 1:20	Test Review and Break
1:20 - 2:00	Hands-on LMI Pump Installation and Flooded Suction
2:00 – 3.00	Hands-on LMI Pump Installation and Flooded Suction (Continued)
3:00 - 3:15	Break
3:15 - 4:45	LMI Pump calibration calculations

**April 9, 2015**

8:00 - 9:00	Pre-test and Introduction to Fluoridation
9:00 - 10:00	Fluoride Chemicals
10:00 - 10:15	Break
10:15 - 11:45	Fluoridation Systems
11:45 - 12:00	Post Test
12:00 - 1:00	Lunch Break
1:00 - 1:30	Test Review and Break
1:30 - 3:00	Calculations for Fluoridation Systems
3:00 - 3:15	Break
3:15 - 4:30	Hands-on; Measuring Fluoride